

WEEK ISSUED

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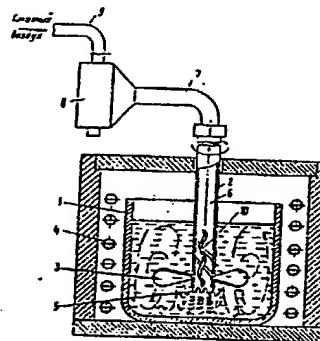
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91-013752/02 L01 BEKE/ 26.05.88
BEKESEVICH YU YA *SU 1544-718-A
26.05.88-SU-430495 (23.02.90) C03b-05/18
Molten glass homogeniser - has spiral strip blades in hollow shaft of
stirrer directed counter to its rotation sense
C91-006069

Intensified glass melt homogenisation is ensured with vortex stirring sets in the shape of striplike blades mounted in the bore of the stirrer shaft close to the nozzles. The direction of turns of the vortex exciter is opposed to the sense of stirrer rotation.

The molten glass in the vessel (1) is heated by the system (4) and the glass flows into the bore (6) of the shaft (2) via the nozzles (5). At the same time, the pneumatic pulsator (8) is fed from the source (9) of compressed air to pulse the melt in the cavity (6) of the shaft (2).

USE/ADVANTAGE - In glass prodn. The opposed direction of the vortex generating blades of stirrer to the sense of stirrer rotation improves stirring action. Bul.7/23.2.90 (3pp Dwg.No. 1/3)



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